

Datasheet for ABIN950995  
**anti-CACNG4 antibody (Middle Region)**



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1 Image

### Overview

Quantity:	0.4 mL
Target:	CACNG4
Binding Specificity:	AA 154-183, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	KLH conjugated synthetic peptide between 154-183 amino acids from the Central region of human CACNG4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CACNG4.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

### Target Details

Target:	CACNG4
Alternative Name:	CACNG4 ( <a href="#">CACNG4 Products</a> )

## Target Details

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**Background:** The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members, a type II TARP and a calcium channel gamma subunit. Synonyms: Neuronal voltage-gated calcium channel gamma-4 subunit, Voltage-dependent calcium channel gamma-4 subunit

**Molecular Weight:** 36579 Da

**Gene ID:** 27092

**NCBI Accession:** [NP\\_055220](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS, 0.09 % (W/V) sodium azide

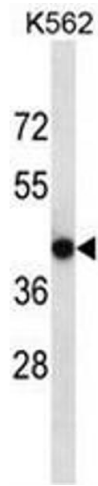
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Western Blotting

**Image 1.** CACNG4 Antibody (Center) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the CACNG4 antibody detected the CACNG4 protein (arrow).